ABSTRACT

This invention relates to a refrigeration system comprising one compressor (10) that via a closed circuit containing a circulating refrigerant is connected to a condenser (14, 14a) and two or more evaporators (21, 28). The circuit comprises a container (19, 19a) or the like communicating with the condenser (14, 14a) and has at least a first outlet communicating with at least one evaporator (21) via a first valve (22, 22a). The container (19, 19a) is arranged to receive and temporarily store a container (19, 19a) is arranged to receive and temporarily store a certain volume of the refrigerant flowing from the condenser. The container (19, 19a) is also provided with at least a second outlet (26, 26a) communicating with one or several of the additional evaporators (28) to circulate the remaining part of the refrigerant through the at least one of the last mentioned evaporators (28) when said volume has been stored in the container (19, 19a), said second outlet (26, 26a) being positioned above said first outlet.